

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

pOpen-UDG

RRID:Addgene_165531

Type: Plasmid

Proper Citation

RRID:Addgene_165531

Plasmid Information

URL: <http://www.addgene.org/165531>

Proper Citation: RRID:Addgene_165531

Insert Name: UDG

Organism: Other

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pBuild; Vector Types:Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Used in PreCR mix from NEB, Uracil DNA glycosylase; Monofunctional DNA glycosylase that catalyzes the hydrolysis of the N-glycosidic bond from deoxyuridine to release uracil; Active on ss and dsDNA; Heat inactivation not possible. The plasmids in the Open Enzyme collection contain genetic parts and are not functional by themselves. Researchers can clone these enzymes into an expression vector of their choice and then transform into E. coli bacteria for expression and purification. Additional information can be found at <https://www.addgene.org/depositor-collections/open-enzyme/>.

Plasmid Name: pOpen-UDG

Record Creation Time: 20220422T221934+0000

Record Last Update: 20260815T080930+0000

Ratings and Alerts

No rating or validation information has been found for pOpen-UDG.

No alerts have been found for pOpen-UDG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.